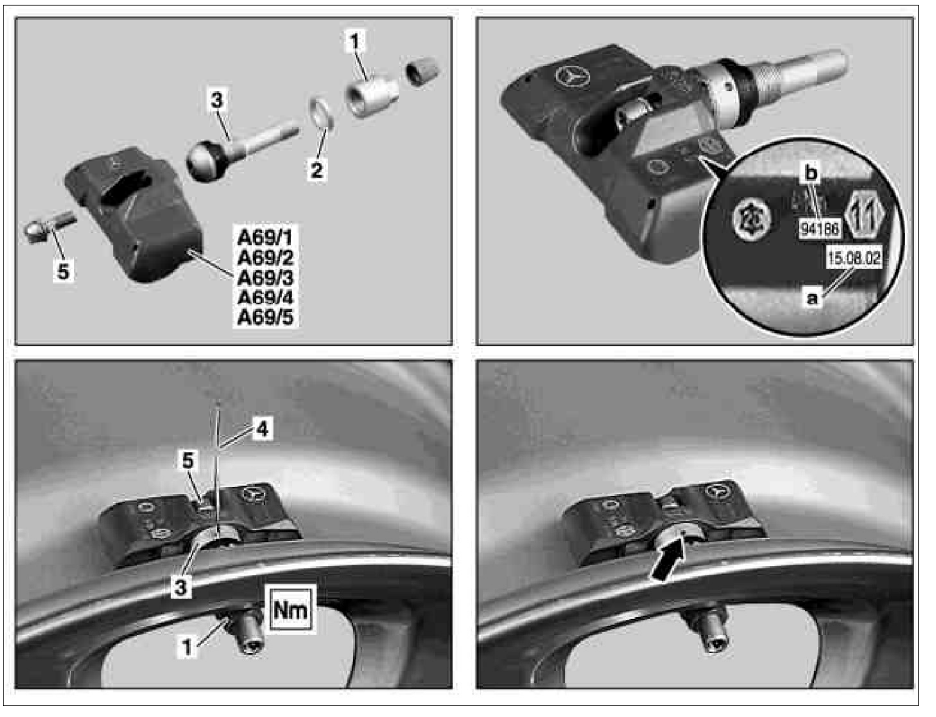
MODELS 210.074 /274 with CODE (475) Tire pressure indicator
MODELS 211 with CODE (475) Tire pressure indicator
MODELS 215 with CODE (475) Tire pressure indicator
MODELS 220 with CODE (475) Tire pressure indicator
MODELS 230 with CODE (475) Tire pressure indicator
MODELS 240 with CODE (475) Tire pressure indicator

1	*Union nut*
2	*Spacer ring (2x45°)*
3	*Valve body*
4	*Pin 4 2 mm*
5	*Screw*
a	*Date of manufacture*
b	*Identcode*
A69/1	*Left front TPM [RDK] wheel sensor*
A69/2	*Right front TPM [RDK] wheel sensor*
A69/3	*Left rear TPM [RDK] wheel sensor*
A69/4	*Right rear TPM [RDK] wheel sensor*
A69/5	*Spare wheel TPM wheel sensor*



P40.15-2077-06

	Remove		
1	Detach tires		AR40.10-P-1030A
2	Unscrew union nut (1) and remove spacer ring (2B 45 °)	Counterhold valve body (3) using installation tool for tire pressure monitor or pin 4 2 mm (4) in drill hole (arrow). Installation tool for tire pressure monitor	*WH58.30-Z-1040-06A
3	Remove TPM wheel sensor	Left front tire pressure monitor wheel sensor (A69/1), right front tire pressure monitor wheel sensor (A69/2), left rear tire pressure monitor wheel sensor (A69/3), right rear tire pressure monitor wheel sensor (A69/4)	
4	Unscrew bolt (5) and remove valve body (3).		
	Check		
5	Carry out visual inspection	Do not remove the white filter surface on the underside of the TPM wheel sensor. Do not clean TPM wheel sensor with compressed air, solvents, or detergents. Wipe off dirt with a clean, lint-free cloth only. Install new TPM wheel sensor if: D The white filter surface of the TPM wheel sensor is damaged or dirty D Tire sealant was used D Damage can be seen D The TPM wheel sensor is more than 5 years old according to the date of manufacture (a).	
	Install		
	Replace all valve parts.	Observe different valve versions.	
6	Insert bolt (5) through the hole in the TPM wheel sensor and screw on valve body (3) approx. 3 turns.	When replacing the TPM wheel sensor, pay attention to the correct transmission frequency (433 MHZ or 315 MHZ).	
7	Insert valve body (3) with TPM wheel sensor into wheel rim so that the radial bore (arrow) for countering points upwards.		

8	Install spacer ring (2) and screw on union nut (1) as far as the stop.	Counterhold valve body (3) using installation tool for tire pressure monitor or pin 4 2 mm (4) in drill hole (arrow). Installation tool for tire pressure monitor	*WH58.30-Z-1040-06A
9	Tighten union nut (1).	Secure valve body (2) using installation tool for tire pressure monitor or pin 4 2 mm (4), to prevent it from turning After tightening, pull installation tool for tire pressure monitor or pin 4 2 mm (4) out of valve body (3). Danger of damage to tire. Union nut to valve body Installation tool for tire pressure monitor	*BA40.15-P-1001-01A *WH58.30-Z-1040-06A
10	Press RPM wheel sensor gently into drop center of rim and tighten bolt (5).	Internal torx bolt, wheel sensor to valve body	*BA40.15-P-1002-01A
11	Note ID code (b) of new TPM wheel sensor.	It is advisable to record the code in the owner's manual or maintenance booklet.	
	Initialization		
12	Teach in new TPM wheel sensor in TPM control unit using STAR DIAGNOSIS.	Diagnosis system STAR DIAGNOSIS	*WE58.40-Z-1013-06A
13	Activate the tire pressure monitoring system	Model 211	AR54.30-P-1000-02RAT
n	Tire pressure monitor (TPM), activation	Model 230 Model 240 Model 210 Model 215, 220 up to 30.9.00 Model 215, 220 as of 01.10.00 up to 31.05.01 Models 215, 220 as of 01.06.01 up to 31.08.02 Model 215, 220 as of 01.09.02	AR54.30-P-1000-02RAR AR54.30-P-1000-02RAH GF40.15-P-0001-02A GF40.15-P-0001-02B GF40.15-P-0001-02C GF40.15-P-0001-02D GF40.15-P-0001-02E

Tire pressure monitoring

Number	Designation		Model **210, 211, 215, 220, 230, 240**
BA40.15-P-1001-01A	Union nut to valve body	Nm	4
BA40.15-P-1002-01A	Bolt, wheel sensor to valve body	Nm	4

Commercially available tools (see Workshop Equipment Manual)

Number	Designation	Make (e. g.)	Order number
WH58.30-Z-1040-06A	Installation tool for tire pressure control	Alligator Ventilfabrik GmbH Postfach 1120 D-89526 Giengen	232540

Workshop equipment/MB testers (see Workshop Equipment Manual)

WE58.40-Z-1013-06A	STAR DIAGNOSIS Compact diagnosis system for passenger cars, order number 6511 1801 00